

## **Region 3 GPRA Baseline RCRA Corrective Action Facility**

# **American Nickeloid Company**

**129 Cherry Street  
Walnutport, PA 18088  
Congressional District 15  
EPA ID #: PAD002399285**

**Site Property Area: Approximately 30 Acres  
Last Updated: 6/30/2005**

## **Current Progress at the Site**

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In September, 2002, American Nickeloid Company (ANC) performed a long term pump test of Well B-2, near the northwest corner of the former Surface Impoundment area. The test results indicated that this well would provide sustained water production and increase the metal recovery at the impoundment area. In May 2003, ANC modified its recovery well system to include Well B-2 as a permanent recovery well. Well B-2 has been actively operating at approximately 5.5 gallons per minute since 5/9/03.

The Commonwealth of Pennsylvania is overseeing ANC's efforts to further characterize the former surface impoundments. ANC collected soil samples from various depths within the impoundments and berms in the summer of 2003. The soil samples were to be analyzed for total chromium, hexavalent chromium and nickel. As of the date of this update, sample results have not been provided to EPA or the Commonwealth of Pennsylvania. Once the data is submitted and reviewed, a determination of whether further action is necessary will be made.

## **Site Description**

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American Nickeloid Company is a specialty metal plating facility in operation since 1923 in Walnutport, PA. The facility is located on 40 acres and is bordered on the west by the Lehigh Canal which is adjacent to the Lehigh River. Residential properties are situated to the south and southeast.

American Nickeloid has been under an EPA Administrative Order since 1993. Under the Order, American Nickeloid began implementation of remedies at the following areas: Chrome-plating area, Former Naphtha Tank Area, and the Former Surface Impoundment Area.

American Nickeloid has created a hydraulic barrier to prevent contaminated groundwater from entering the Lehigh River. Chromium contaminated groundwater is removed from the facility and treated on-site. In addition they recently completed a pilot project to wash chromium from the soil underneath the main processing building. EPA will be working with American Nickeloid to evaluate the results of the pilot and, if appropriate, modify the Order.

American Nickeloid has closed the Former Surface Impoundment Area under the supervision of PADEP. A groundwater recovery and treatment program for this area began in 1985 and is still in operation. Quarterly groundwater monitoring continues at the site.

The American Nickeloid facility achieved a "Yes" determination for the Current Human Exposures Under Control Environmental Indicator (EI) in September 2002. The facility achieved a "Yes" determination for the Migration of Contaminated Groundwater Under Control

EI in September 2003 after it was demonstrated that the conversion of monitoring well B-2 to a recovery well adequately prevents contaminated groundwater from escaping the Former Surface Impoundment Area toward the Lehigh Canal.

## Site Responsibility

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RCRA Corrective Action activities at the American Nickeloid facility are being conducted under the direction of EPA. PADEP has been overseeing RCRA closure of the Former Surface Impoundment Area.

## Contaminants

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The main contaminant in the groundwater is chromium from wastes at the Former Surface Impoundment Area and releases of chromic acid from the Chrome-plating area. Naphtha has also been found in the groundwater near the Former Naphtha Tank Area. Naphtha and chrome have also been found in the soil.

## Community Interaction

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If there is further action, EPA will inform the public.

## Institutional Controls

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As part of its quarterly monitoring requirements per the Administrative Order, American Nickeloid is required to determine if Walnutport Municipal Well #5 is running, and if so, American Nickeloid is required to collect a sample for total chromium analysis.

## Government Contact

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For more information about EPA's corrective action webpage, including Environmental Indicators, please visit our site at: [www.epa.gov/reg3wcmd/correctiveaction.htm](http://www.epa.gov/reg3wcmd/correctiveaction.htm)

## Facility Contact

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